

IN THE CLAIMS:

Please cancel Claim 7 from the Application.

Please amend Claims 6, 8, 9, 11 and 12 to read as follows:

C 1
Sub P1
6. (Twice Amended, Clean) A method for regenerating catalytic activity of a catalyst which is composed of a titanium dioxide or hydrous titanium dioxide support coated with gold particles that has been used for the oxidation of unsaturated hydrocarbons in the gas phase comprising contacting the catalyst with water, dilute acid or a dilute hydrogen peroxide solution.

C 2
Sub P2
8. (Once Amended, Clean) The method of Claim 6 in which the activity of the catalyst is regenerated by contacting the catalyst with steam under pressure.

C 2
Sub P3
9. (Once Amended, Clean) The method of Claim 6 in which the activity of the catalyst is regenerated by contacting the catalyst with an aqueous hydrogen peroxide solution having a concentration less than or equal to 10 wt.%, based on the total weight of the catalyst.

C 3
Sub P4
11. (Once Amended, Clean) In a process for the oxidation of unsaturated hydrocarbons with molecular oxygen in the presence of hydrogen in the gas phase in the presence of a regenerated catalyst, the improvement wherein the regenerated catalyst comprises the regenerated catalyst of Claim 10.

C 4
Sub P5
12. (Once Amended, Clean) A method for regenerating catalytic activity of a catalyst which is composed of a titanium dioxide or hydrous titanium dioxide support coated with gold particles that has been used for the oxidation of unsaturated hydrocarbons in the gas phase comprising contacting the catalyst with water or dilute acid.--

Please add new Claim 13 to the Application as follows:

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-13. The method of Claim 12 in which the activity of the catalyst is regenerated by contacting the catalyst with dilute acid having a pH of 5.5 to 6.0.--